

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

CLAIMS

1. (original): Pump for dispensing fluid products comprising a pump body (10), a pump chamber (20), at least one piston (30, 72) sliding in said pump chamber (20) to dispense the fluid product, a dispensing orifice (45), and a shutter (38) interacting with said dispensing orifice (45), said shutter (38) being movable and/or deformable between a closed position of the dispensing orifice (45) and an open position of the dispensing orifice (45), said shutter (38) being elastically driven to its closed position, characterised in that the pump comprises only one elastic element (50), such as a spring, adapted for bringing said at least one piston (30, 72) back to its rest position after actuation and for driving said shutter (38) to its closed position, and in that said pump body (10) is embodied in one piece with said shutter (38).

2. (original): Pump according to claim 1, wherein said spring (50) is away from all contact with the fluid product.

3. (currently amended): Pump according to claim 1 ~~or~~ 2, wherein the pump comprises a retaining ring (15) adapted to anchor said pump to a tank (60).

4. (original): Pump according to claim 3, wherein said retaining ring (15) is embodied in one piece with a plunger tube (18) intended to extend in a tank (16).

5. (currently amended): Pump according to claim 3 ~~or~~ 4, wherein said retaining ring (15) is embodied in one piece with an inlet valve seat (71) of the pump chamber (20).

6. (currently amended): Pump according to ~~any one of~~ claims 3 ~~to~~ 5, wherein said piston (72) is embodied in one piece with said retaining ring (15).

7. (currently amended): Pump according to claim 1 ~~any one of the previous claims~~, wherein the pump comprises a dispensing head (40) including the dispensing orifice (45).

8. (original): Pump according to claim 7, wherein said pump body (10) is placed inside said dispensing head (40).

9. (currently amended): Pump according to claim 7 ~~or 8 and any one of claims 3 to 6~~, wherein said dispensing head (40) is connected, particularly by being snapped, irremovably onto said retaining ring (15), said dispensing head (40) and said retaining ring (15) forming a stop to define the rest position of the pump.

10. (currently amended): Pump according to claim 1 ~~any one of the previous claims~~, wherein said pump is constituted by only four parts including part (A) forming the dispensing head (40), part (B) forming the pump body (10) and shutter (38), part (C) forming the spring (50), and part (D) forming the piston (72), retaining ring (15) and plunger tube (18).

11. (original): Pump according to claim 10, wherein the part (D) forming the piston (72), retaining ring (15) and plunger tube (18) also form the seat (71) of an inlet valve (70) of the pump chamber (20) interacting with a valve element (75).

12. (original): Pump according to claim 11, wherein the valve element (75) is integral with the part (B) forming the pump body (10) and shutter (38).

13. (original): Pump according to claim 11, wherein the valve element (75) is a separate part (E) such as a ball.

14. (currently amended): Pump according to claim 1 ~~any one of the previous claims~~, wherein said pump chamber (20) is placed immediately upstream of said dispensing orifice (45), said shutter (38) forming an outlet valve of said pump chamber (20).

15. (currently amended): Device for dispensing fluid products including a tank (60), characterised in that the device comprises a pump according to claim 1 ~~any one of the previous claims~~.

16. (original): Device according to claim 15, wherein the pump is anchored, particularly by being snapped on to the tank (60) with interposition of a gasket (65).